**Explanation of solution**

**(rabbit)**

I first loop through the letters of the first word 🡪 if letter is found, it is removed from second word. If letter is not found, we drop it from the first word and increase the dropped letter counter.

At the end, we add the rest of the letters left in the second word to the dropped words counter since they are not present in the first word and should be dropped.

Example:

First word: bedroom

Second word: restroom

b not in restroom 🡪 dropped\_letters += 1

e in restroom 🡪 restroom becomes rstroom

d not in restroom 🡪 dropped\_letters += 1

r in restroom 🡪 restroom becomes stroom

o in stroom 🡪 stroom becomes strom

o in strom 🡪 strom becomes strm

m in strm 🡪 strm becomes str

str will not be found in first word anyway so we add len(str) to dropped\_letters, so dropped\_letters += 3.

print(dropped\_letters) 🡪 5